



## CITY OF LODI COUNCIL COMMUNICATION

**AGENDA TITLE:** Adopt Resolution Authorizing City Manager to Execute Purchase Order with West Coast Arborists, Inc., for the Phased Removal and Replacement of 39 Raywood Ash Trees on Lower Sacramento Road between Elm Street and Tejon Street and Appropriating Funds (\$17,275)

**MEETING DATE:** November 17, 2010

**PREPARED BY:** Public Works Director

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**RECOMMENDED ACTION:** Adopt resolution authorizing City Manager to execute purchase order with West Coast Arborists, Inc., for the phased removal and replacement of 39 Raywood Ash trees on Lower Sacramento Road between Elm Street and Tejon Street and appropriating funds in the amount of \$17,275.

**BACKGROUND INFORMATION:** Trees are a benefit to the urban environment. As a result, the City removes trees only when they become a significant liability to the infrastructure or compromise public safety.

The existing Raywood Ash trees (Exhibit A), planted in approximately 1988, have extremely invasive root systems. They have caused extensive damage to the surfaces on Lower Sacramento Road, the adjacent frontage road, and are threatening a deep wastewater main in Lower Sacramento Road (see attached photos, Exhibit B). The trees have already necessitated the installation of a new sewer line in the adjacent frontage road at a cost of approximately \$100,000; and repairing the current damage to the rubberized pavement on Lower Sacramento Road could be substantial if removal and replacement of the existing asphalt is required. Because of the species' invasive nature, Raywood Ash is no longer an approved species for City planting.

At the June 2, 2010 meeting, City Council directed staff to evaluate alternative methods and to coordinate this effort with Tree Lodi. Consultation with Tree Lodi yielded various alternatives, including the installation of root barrier, tree removal, and phased removal of the trees. Arborists from West Coast Arborists, Inc. (WCA) and Tree Lodi agreed installing a root barrier was not a preferred option since it would be a temporary solution and the price exceeded \$35,000 (twice the amount of removal and replacement). All did agree that removal was the only way to permanently deal with the invasive nature of these trees.

In the attached letter (Exhibit C), Tree Lodi suggested a phased removal and planting program. This involves removing and replacing about every other tree at first, followed by removing and replacing the others a year later. This allows the new trees to become established before removing the remaining trees. This approach is intended to soften the visual impact to those residents living in the area. Staff will also follow Tree Lodi's suggestions for replacement trees that are Podocarpus 'gracilior' and Acer rubrum 'bowhall'.

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APPROVED:

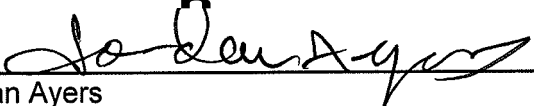
  
Konradt Bartlam, Interim City Manager

Adopt Resolution Authorizing City Manager to Execute Purchase Order with West Coast Arborists, Inc.,  
for the Phased Removal and Replacement of 39 Raywood Ash Trees on Lower Sacramento Road  
between Elm Street and Tejon Street and Appropriating Funds (\$17,275)  
November 17, 2010  
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Staff recommends Council authorize the City Manager execute a purchase order with WCA in the amount of \$17,275 for the phased removal and replacement of 39 Raywood Ash trees on Lower Sacramento Road between Elm Street and Tejon Street. WCA has an existing contract with the City, and tree removal was an optional bid item on the contract. The second phase would be completed by December 2011.

**FISCAL IMPACT:** Removal will help mitigate future damage to pavement and underground utilities from the invasive roots of these trees savings thousands of dollars.

**FUNDING AVAILABLE:** Requested Appropriation:  
2010/11 Streets and Drainage (320013): \$8,637.50  
Wastewater (171013): \$8,637.50  
Total: \$17,275.00

  
Jordan Ayers  
Deputy City Manager/Internal Services Director

for   
F. Wally Sandelin  
Public Works Director

Prepared by Curtis Juran, Street and Drainage Superintendent

FWS/CES/CJJ/dsg

Attachments

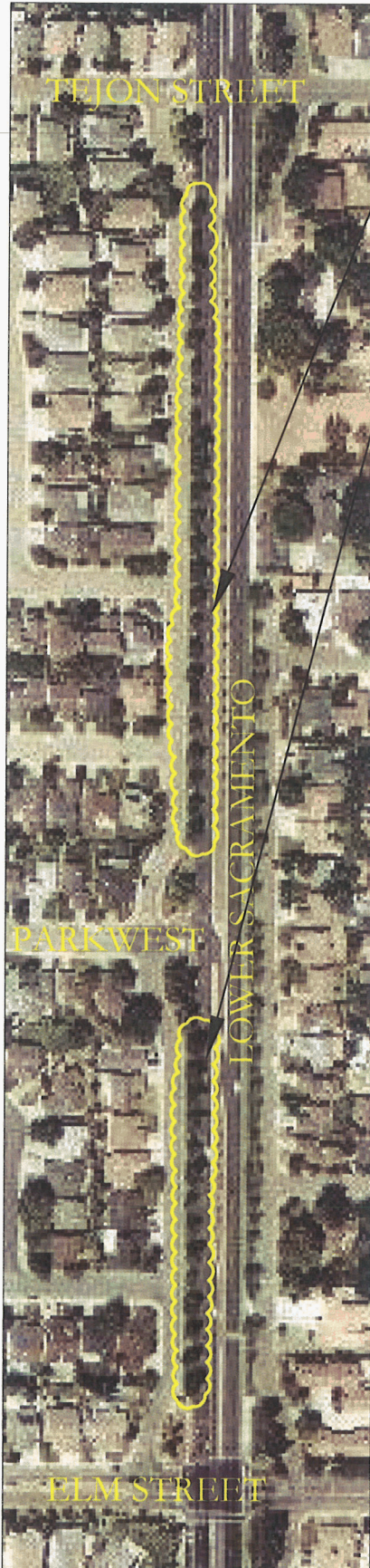
cc: Charlie Swimley, Deputy Public Works Director - Utilities  
Curtis Juran, Streets and Drainage Superintendent



# CITY OF LODI

PUBLIC WORKS DEPARTMENT

## LOWER SACRAMENTO FRONTAGE ROAD TREE REMOVAL



### THIRTY-NINE (39) RAYWOOD ASH TREES TO BE REMOVED

DIAMETER OF TREES TO BE  
REMOVED (IN INCHES)

13  
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CITY OF LODI

PUBLIC WORKS DEPARTMENT

LOWER SACRAMENTO ROAD  
RAYWOOD ASH TREES  
STREET VIEW OF TREES TO BE REMOVED



STREET VIEW OF TREES TO BE REMOVED.

EXHIBIT B





# CITY OF LODI

PUBLIC WORKS DEPARTMENT

## LOWER SACRAMENTO ROAD RAYWOOD ASH TREES DAMAGE



Damage to street, curb and gutter.

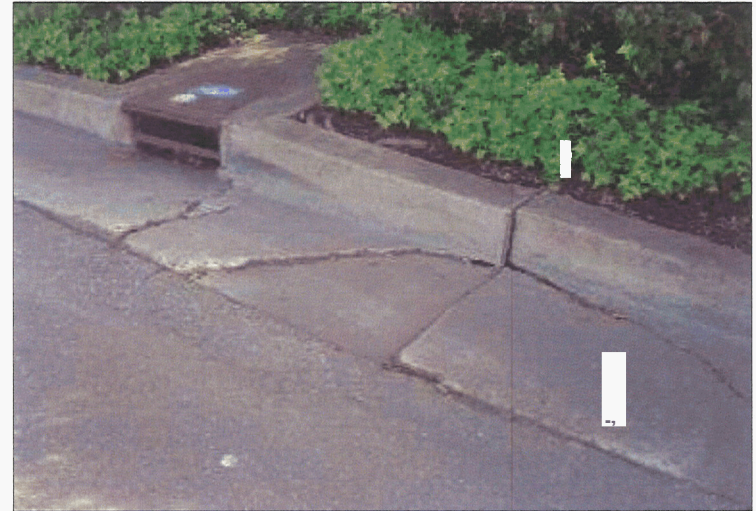




# CITY OF LODI

PUBLIC WORKS DEPARTMENT

## LOWER SACRAMENTO ROAD RAYWOOD ASH TREES DAMAGE



Damage to street, curb and gutter.



## MEMORANDUM

TO: Lodi City Council:

SUBJECT: Raywood Ash ~~Tree~~ Removal on Lower Sacramento ~~Road~~

Gordon Schmierer  
President  
Steve Dutra  
vice President  
Joyce Harmon  
Secretary  
Ron Marien  
Treasurer

Directors  
Richard Blackston  
Andi Kutlik  
Bill Hobson  
Bruce Schweigerdt

Stewards  
Mike Butcher  
Darrell Drummond  
Gerry Fish  
Ray Fye  
Derric Juano  
Esther Milnes  
Nancy Nakamura  
Robert Raingruber  
Vern Weigum

GROUP MEETING: The following representatives met September 13, 2010, to discuss ~~remedies~~ for ~~the infrastructure~~ damage ~~caused~~ by ash trees:

- Charlie Swimley, City of Lodi, Deputy Public Works Director;
- Kurt Juran, City of Lodi, Public Works Dept., Street Superintendent;
- Steve Dutra, City of Lodi, Parks Superintendent, Parks & Recreation Dept.;
- William Hobson, ~~Tree Lodi~~ Director

LOCATION: The problem ~~trees~~ are ~~along~~ the west side planting area of Lower Sacramento ~~Road~~ between Tejon Street and Elm Street

PROBLEM. The Raywood ~~Ash~~ ~~trees~~ are too large for the area in which they are located. Their large, shallow and vigorous root ~~systems~~ have caused curb, gutter, asphalt and sewer damage. As these ~~trees~~ enlarge, they will continue to cause ~~infrastructure~~ damage.

RECOMMENDATIONS: Tree Lodi recommends removing about half the trees in the first year, perhaps the ~~most~~ damaging ones first, then replant about half. Wait one or two ~~years~~ to establish the new ~~trees~~, then remove the remaining ~~trees~~ and replant. ~~This~~ removal and replanting sequence would minimize 'removal shock' ~~and the~~ loss of ~~screen~~ for the neighborhood.

REPLACEMENT TREES: The recommended replacement tree size is 24-inch ~~box~~ or 15 gallon ~~container~~. The following ~~types~~ of ~~trees~~ are recommended for ~~this area~~: 1. Fern Pine, Podocarpus gracilor, an evergreen, 2. Bowhall Maple, Acer rubrum 'Bowhall', 15 ft. wide, deciduous, 3. Parkway Maple, Acer platanoide 'Parkway', 25 ft. wide, deciduous

We at TREE LODI thank you for the opportunity to share ~~this~~ information with you.

  
Gordon Schmierer, President

Tree Lodi, Inc., 2715 W. Kettleman Lane, Ste 203-126, Lodi, CA 95242

All gifts are tax deductible Tree Lodi is a 501 (c)(3) organization. Tax ID #2810577



RESOLUTION NO. 2010-\_\_\_\_\_

A RESOLUTION OF THE LODI CITY COUNCIL AUTHORIZING CITY  
MANAGER TO EXECUTE PURCHASE ORDER WITH WEST COAST  
ARBORISTS, INC., FOR PHASED REMOVAL AND REPLACEMENT  
OF 39 RAYWOOD ASH TREES ON LOWER SACRAMENTO ROAD  
BETWEEN ELM STREET AND TEJON STREET AND FURTHER  
APPROPRIATING FUNDS

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WHEREAS, the existing Raywood Ash trees, planted in approximately 1988, have extremely invasive root systems that have caused extensive damage to the surfaces on Lower Sacramento Road, the adjacent frontage road, and are threatening a deep wastewater main in Lower Sacramento Road. The trees have necessitated the installation of a new sewer line in the adjacent frontage road at a cost of approximately \$100,000; and repairing the current damage to the rubberized pavement on Lower Sacramento Road could be substantial if removal and replacement of the existing asphalt is required; and

WHEREAS, at the June 2, 2010 meeting, Council directed staff to evaluate alternative methods and to coordinate this effort with Tree Lodi; and

WHEREAS, Tree Lodi suggested a phased removal and planting program, which involves removing and replacing about every other tree at first, followed by removing and replacing the others a year or two later. This allows the new trees to become established before removing the remaining trees. This approach is intended to soften the visual impact to those residents living in the area. In addition, Tree Lodi suggested the replacement species include Podocarpus gracilior and Acer rubrum "bowhall"; and

WHEREAS, West Coast Arborists, Inc., has an existing contract with the City, and tree removal was an optional bid item on the contract.

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council does hereby authorize the City Manager to execute a purchase order with West Coast Arborists, Inc., of Stockton, in the amount of \$17,275, for the phased removal and replacement of 39 Raywood Ash trees on Lower Sacramento Road, between Elm Street and Tejon Street; and

BE IT FURTHER RESOLVED that funds in the amount of \$17,275 be appropriated from the Streets and Drainage and Wastewater Funds for this project.

Dated: November 17, 2010

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I hereby certify that Resolution No. 2010-\_\_\_\_\_ was passed and adopted by the City Council of the City of Lodi in a regular meeting held November 17, 2010, by the following vote:

AYES: COUNCIL MEMBERS –

NOES: COUNCIL MEMBERS –

ABSENT: COUNCIL MEMBERS –

ABSTAIN: COUNCIL MEMBERS –

RANDI JOHL  
City Clerk

2010-\_\_\_\_\_